



# Grade Nine Course Handbook

WINDSOR PARK COLLEGIATE

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# Grade Nine Worksheet

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This form is provided as a worksheet. This information is to be transferred to the purple Course Selection Sheet.

All Grade 9 students are expected to take 9 credits: 5 compulsory (in bold), one compulsory elective and 3 more electives.

<b>Grade Nine Compulsory Courses will be Year-long</b>
<b>English 10F</b>
<b>Mathematics 10F</b>
<b>Canada in the Contemporary World 10F</b>
<b>Science 10F</b>
<b>Physical Education 10F</b>
<b>Compulsory Elective</b> (Reading is Thinking)
Elective
Elective
Elective
<b>9 Credits</b>

List 5 electives in order of priority. Grade 9 electives and descriptions are located in the course handbook online. Students will be timetabled for their compulsory credits and then 3 of the 5 electives.

Electives:

<b>Elective 1</b>	<b>Elective 2</b>	<b>Elective 3</b>	<b>Elective 4</b>	<b>Elective 5</b>

## Important Note:

If a student does not complete the requirements of a compulsory course they will have to repeat the course at a later time.

# **Course Registration Instructions: (Grade 9)**

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The following are some of the details of what needs to be done and what will happen over the next few months as your student enrolls at WPC.

**Step One:** Read through the list of Grade 9 compulsory and elective courses.

**Step two:** Decide on 5 elective courses which should be numbered in order of priority (Do not include English, Mathematics, Science, Social Studies, Physical Education or Reading is Thinking. These are compulsory courses and will automatically be included in the course load).

**Step Three:** On February 1st all students will receive a purple course selection and internet usage sheet from their home school teacher. You are invited to the Parent Information Evening at Windsor Park Collegiate on February 22<sup>nd</sup> at 6:30 p.m. in the library. This will give you and parent/guardians the opportunity to review the options to help make informed decisions.

**Step Four:** Sign and return Course Selection Sheet, internet usage agreement, photo release and smudge forms along with registration fees of \$90.00 and any extra fees. This will determine your child's official registration. This must be done before February 26th in order for the student to complete their registration.

**Step Five:** Timetables and opening day information will be mailed/e-mailed out to those students that have paid school fees for 2018-2019.

## **Important Note:**

**All students will be enrolled in 9 courses: 5 compulsory, one compulsory elective and three electives from their list. Once choices have been made and finalized, classes will be organized and staff determined. Courses that have very low enrollment may not be offered or may be combined with others. It is important that you put a lot of thought into the courses that you want as it will be very difficult to make changes to course requests at a later date.**

# **GRADE 9 COMPULSORY COURSES are Year-long**

## **CANADA IN THE CONTEMPORARY WORLD 10F**

**1 credit**

"Canada in the Contemporary World" is designed to help students gain a greater understanding of the society in which they live. They will explore the historical and current issues of citizenship and identity. Through the various topics and activities, students will have the opportunity to develop skills for active democratic citizenship.

### **CLUSTERS OF STUDIES INCLUDE:**

- Diversity and Pluralism in Canada
- Canada in the Global Context
- Democracy and Governance in Canada
- Canada: Opportunities and Challenge

### **SPECIFIC TOPICS WILL INCLUDE:**

Canadian Identity, Canada's Cultural Diversity, Indigenous Perspectives, Regional Diversity, You and Your Government, The Role of the Citizen in Democracy and You and the Law.

## **ENGLISH LANGUAGE ARTS 10F**

**1 credit**

This course provides students with a variety of experiences to explore and enhance their written and oral expression, critical reading levels, vocabulary and grammar development as well as an introductory study of literature that focuses on a more personal reader-response approach to activities. Students engage communication modes and literature in a variety of genres and mediums: short stories, poetry, drama, a Shakespearean play (*Midsummer Night's Dream* or *Julius Caesar*) novels, news articles, radio, reviews, speeches, film, debates, and consider proper use of grammar, punctuation, spelling, and vocabulary in all assignments. All students write a final exam worth 15% of their final grade.

## **MATHEMATICS 10F**

**1 credit**

This course is designed to cover a number of different forms of mathematics, which will allow you to better understand the math that you encounter in your everyday life. Also, mastery of the content of this course will prepare you to enter the mathematics stream of your choice.

### **PROVINCIAL MATH CATEGORIES AND UNITS:**

Number Sense: Powers and Exponents; Rational Numbers  
Patterns and Relations: Linear Relations; Inequalities; Polynomials  
Shape and Space: Circle Geometry; 2D and 3D Geometry; Symmetry  
Statistics and Probability: Statistics

### **SUPPLIES NEEDED:**

3-ring binder, pencil, eraser, ruler, and **scientific calculator**. \*\* **Cell phone calculators are not permitted.**

**SPECIAL NOTE:** It is during the M10F (Grade 9) course that each student will begin to make decisions as to which mathematics pathway – Essentials or Introduction to Applied/Pre-Calculus – he/she will continue with for the remainder of high school. It is highly recommended that students achieve a mark of **75%** or greater before enrolling in the Introduction to Applied/Pre-Calculus course in Grade 10.

## **PHYSICAL EDUCATION AND HEALTH 10F**

**1 credit**

The course general outcomes include development of movement skills, fitness management, safety, personal and social management, and healthy lifestyle practices. Activities will include team, dual and individual sports, fitness programming, theory and classroom work.

## **SCIENCE 10F**

**1 credit**

Grade 9 students develop an awareness of the interrelationship of science, technology, society and the environment (STSE) through the processes of scientific inquiry, technological problem solving, and decision making. STSE skills and attitudes are developed within student learning outcomes. There is a component of scientific measurement incorporated in all clusters.

### **UNITS:**

- Reproduction: Learning about cells and genetics
- Atoms and Elements: Introduction to the periodic table and atomic structure
- Nature of Electricity: Defining types of electricity and how circuits work
- Exploring the Universe: Components of the universe and how it changes over time.

# **GRADE 9 COMPULSORY ELECTIVE COURSE**

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## **READING IS THINKING 10S**

**1 credit**

The Reading Is Thinking course is designed to provide targeted instructional support in the areas of literacy and numeracy. Each unit of study develops the necessary attitudes, knowledge, skills and strategies students need to be successful in their learning across the high school curriculum. Reading Is Thinking supports what research suggests is critical for adolescents to thrive as confident, engaged and proficient lifelong learners by focusing on improving the overall literacy and numeracy skills of children.

## **GRADE 9 Elective COURSES: Semester**

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### **ARTS/MUSIC**

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#### **CONCERT CHOIR 10S – (lunch class between 12:15 – 1:15 p.m.)**

**1 credit**

**PREREQUISITE:** None

This is a performance oriented course. Students will perform as part of the Vocal Ensemble in a variety of venues and events. They will learn about the anatomy of the voice, and how to sing in a healthy manner through music of multiple genres. Students will also be exposed to different repertoire of popular acapella music groups via in-class and at-home listening.

#### **REQUIRED MATERIALS**

A music program fee of \$20.00 is charged for Choir unless the student is already registered in Band or Guitar. Method books and music sheets will be supplied by the school at no extra cost to the student. Students will also be expected to have simple concert attire, consisting of black dress pants, dress shoes, and a black or white dress shirt/blouse or similarly professional shirt. All students will require pencils and erasers for rehearsal marking.

#### **SPECIAL NOTES**

Choir typically takes place during the lunch hour on alternating days, and runs throughout the entire year. Being a performance and rehearsal-based course, students will be expected to attend and participate in all scheduled rehearsals, sectionals, and performances. This will result in a spare being assigned in slots A-E.

#### **CONCERT BAND 10S**

**1 credit**

**PREREQUISITE:** None, but some previous band experience or private lessons would be an asset.

In the grade nine band we join new friends from other schools and come together to work cooperatively to make great music together! If you never have tried an instrument before or have some instrumental experience join the band! All are welcome! This course is designed to get us working together to make some great music as we explore the different sounds and concepts of music through the playing of our instruments. We will further develop our ears, musicianship and technical skills. The course will include both instrumental and theory instruction with the primary focus being performance in the Junior Concert Band. This ensemble will study and perform a variety of different styles and eras. Concerts, assemblies, and out of school performances, as well as the grade 9 Camp Cedarwood experience will be some of the highlights of the year.

#### **EQUIPMENT / PERSONAL SUPPLIES**

A course fee of \$120.00 applies to all band students without and instrument. If you own your instrument the fee is \$20.00. A blank CD is also required. Plus, a \$20.00 Music Program Fee

**SPECIAL NOTES:** Students are expected to participate in all concerts and activities. Regular home practice is expected. Students who continue in band throughout high school should note that the Grade 12 Concert Band credit is considered a University Entrance Credit.

#### **DRAMATIC ARTS 10S**

**1 credit**

**PREREQUISITE:** None

Drama students learn about theatre by doing improvisations, scenes, exercises, and formal productions. The course emphasizes group work and the development of introspection.

The students will study:

- Improvisation and theatre sports
- Children's theatre performance
- Modern play scenes
- Theatre history
- Public performance

**SPECIAL NOTES:** Drama is especially beneficial for students wishing to study the performing arts, but it is also appropriate for all students looking for a challenging way to improve their ability to work positively with others and enhance creative thinking.

## **GUITAR 10S**

**1 credit**

**PREREQUISITE:** None

This is a performance oriented course. Students will perform as part of the full Guitar Ensemble, in smaller groups and in solo presentations. They will learn about the history and diversity of musical styles with which the guitar is associated. They will learn to listen critically to music and learn to write reviews of albums and songs.

### **REQUIRED MATERIALS**

A course fee of \$20.00 applies to all Guitar students. Plus, a \$20.00 Music Program Fee. Method books and music sheets will be supplied by the school at no extra cost to the student.

**SPECIAL NOTES:** The study of a music instrument is a lifelong endeavor which can provide hours of enjoyment during leisure time. The dedicated musician may further their study at the undergraduate level or pursue a variety of professional careers in music.

## **JAZZ BAND 10S**

**1 credit**

**PREREQUISITE:** Registration in Concert Band

Jazz Band is a performance-based course, with a focus on the skills required for playing jazz as part of an ensemble. Instrumentation includes trumpets, trombones, saxophones, guitar, piano, bass and drums. Band members will be given instruction in theory, instrumental technique, improvisation and composition, as well as an introduction to the basic jazz styles. The Windsor Park Jazz Band performs a diverse range of historical and contemporary music across a wide variety of genres. The band is highlighted by many performances throughout the year at special events, festivals, feeder school visits, evening concerts and spring music trip.

### **EQUIPMENT / PERSONAL SUPPLIES**

Students registered in Concert Band will not be charged for using a division-owned instrument in Jazz Band. Students may instead rent or purchase their own instrument, if desired. All related supplies (reeds, valve oil, etc.) will be provided by the school as available, but are ultimately the student's responsibility.

**SPECIAL NOTES:** Students are expected to participate in all scheduled rehearsals, sectionals, concerts and performances. Independent preparation of individual musical parts is expected and required. Students should note that Jazz Band 40S can be used as a University entrance credit.

## **MUSICAL THEATRE 10S – (after school)**

**1 credit**

**PREREQUISITE:** None

Students learn about Musical theatre through performing in the musical theatre production. Students from all four grades work in the same production, and study characterization, vocal projection, blocking, storytelling, and performance while sharing a creative adventure with other members of the cast.

Special notes: Students do enter the course by audition, but previous training or experience is not required. Rehearsals are after regular school hours. This will result in a spare being assigned in slots A-E.

## **THEATRE PRODUCTION 15S- (after school)**

**0.5 credit**

**PREREQUISITE:** None

Theatre production students work on the technical requirements for the musical theatre production. Students learn about Stage Management, lights and sound operation, set design and construction, costume design and construction, and theatrical House Management.

**SPECIAL NOTES:** Work on the musical theatre production occurs after regular school hours.

## **VISUAL ARTS 10G**

**1 credit**

**PREREQUISITE:** None

This course is an exciting opportunity for you to discover your creative potential. Whether you can draw or not, this course is designed to build from where you are as an artist but also challenge your abilities. Explore a variety of themes and techniques through media such as paint, clay, ink and non-traditional materials. Be inspired by art from diverse cultures both past and present. All you need is an interest in Art and an open mind.

Studio Fee \$20

## **FRENCH**

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### **FRENCH: COMMUNICATION AND CULTURE 10F**

**1 credit**

**PREREQUISITE:** None

This course is a participation based course where students acquire French communication skills such as reading, writing, listening and speaking while learning about French culture in Canada and around the world. A heavier emphasis is placed on the acquisition of spoken language. Be ready to speak and interact with your peers on a daily basis through small group activities, songs, and lots of games.

#### **EQUIPMENT / PERSONAL SUPPLIES**

It is recommended that each student purchase a French/English dictionary for their use, or have access to a device, a 3 Ring binder with loose-leaf, highlighter, and pen.

## **INDUSTRIAL ARTS / HUMAN ECOLOGY**

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### **GRAPHIC COMMUNICATION TECHNOLOGY 10G**

**1 credit**

**PREREQUISITE:** None

This area of study is designed to introduce students to the processes of communicating graphically using technology and materials.

#### **SOME AREAS OF STUDY ARE:**

- Mechanical and Pictorial Drawing
- Desktop Publishing
- Introduction to B/W Photography
- Computer Generated Design
- T-Shirt Printing
- Basic House Planning and Layout
- Introduction to Screen Printing
- Advertising and Design
- Measurements and Standard

#### **SPECIAL NOTES:**

Students will produce projects in each of the above areas. This course will be of interest to students who are considering a career in commercial art, printing, architecture, interior design, fine arts, drafting & design, electronic imagery, photography or a related field. All computer based projects will be completed on iMac computers.

### **HUMAN ECOLOGY 10G**

**1 credit**

**PREREQUISITE:** None

Human Ecology 10G is comprised of 2 major units: Food & Nutrition and Clothing & Textiles. The **Food & Nutrition** term takes some of the topics introduced in junior high to a deeper level. The short units of study are particularly geared to the nutrient needs of adolescents and will highlight what food choices build a strong, healthy body. Cooking days will further

encourage independence in the kitchen, develop recipe reading skills and confidence with a variety of kitchen tools and equipment.

The Clothing & Textiles unit introduces basic construction techniques. Students will continue to learn sewing machine skills, the use of the serger and embroidery machine as well as various cutting tools and techniques. Projects include a hoodie, wavy weaving pillow and one choice project. All fabric, patterns, thread, notions and other small equipment will be supplied.

#### **EQUIPMENT / PERSONAL SUPPLIES**

Pen, Binder, Loose-leaf

## **INTRODUCTION TO PRE-ENGINEERING 15G/15G (CT15G/DT15G - 1 credit)**

### **PREREQUISITE:** None

This course is designed to use Project Based Learning as the instructional model. Students will be involved in problem-solving investigations and other engaging tasks that allow them to work in groups and/or autonomously to solve problems by developing realistic products. Students will be taught all required manufacturing skills, and how to safely utilize the equipment in the lab. Projects cover one of several major technology sectors while employing an enterprise process to design, build, and market an invention or idea. No previous experience required!

### **ADDITIONAL INFORMATION:**

Students should have the ability to meet deadlines and to work independently and cooperatively with others.

### **THE TECHNOLOGIES INTRODUCED ARE:**

- AC/DC Power
- CNC Milling Technology
- Communication Technology
- Electrical Systems
- Engineering
- Manufacturing Tools
- Mechanical Systems & Mechanisms
- Pneumatics Technology
- Quality Control
- Robotics Technology
- Lab Safety

## **METALWORK TECHNOLOGY 10G**

**1 credit**

### **PREREQUISITE:** None

This course will be an introduction to various machining and metalworking processes. It will include the mastery of oxy-acetylene welding, mig welding, plasma cutting, grinding, CNC operations, aluminum sublimation, layout and design, problem solving, and general metal working. The student will be working on a wide variety of projects including a clipboard, mig cube, oxyman, and a screwdriver. The student will also be expected to design and develop a choice project incorporating learned processes. Examples of past choice projects have included motorized go-karts, power scooters, tree stands, power skateboard and skateboard rails.

#### **EQUIPMENT / PERSONAL SUPPLIES**

Students are expected to come to class prepared to work, with a 3-ring binder, a pencil and an eraser.

**SPECIAL NOTES:** Due to safety concerns, there is a dress code in effect while attending Tech. Ed programs. Safety glasses are to be worn at all times in the shop area.



## **WOODWORK TECHNOLOGY 10G**

**1 credit**

### **PREREQUISITE:** None

This course will be an introduction to various woodworking processes and will appeal to students who enjoy designing and building projects from wood. Students will develop a good working knowledge of the woodworking industry along with the tools, materials and machinery used.

### **EQUIPMENT / PERSONAL SUPPLIES**

Students are expected to come to class prepared to work, with a 3-ring binder, a pencil and an eraser.

**SPECIAL NOTES:** Due to safety concerns, there is a dress code in effect while attending Tech. Ed programs. Safety glasses are to be worn at all times in the shop area.